## Digital Transistors (BRT) R1 = 10 k $\Omega$ , R2 = 47 k $\Omega$

# PNP Transistors with Monolithic Bias Resistor Network

This series of digital transistors is designed to replace a single device and its external resistor bias network. The Bias Resistor Transistor (BRT) contains a single transistor with a monolithic bias network consisting of two resistors; a series base resistor and a base–emitter resistor. The BRT eliminates these individual components by integrating them into a single device. The use of a BRT can reduce both system cost and board space.

#### **Features**

- Simplifies Circuit Design
- Reduces Board Space
- Reduces Component Count
- S and NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable
- These Devices are Pb–Free, Halogen Free/BFR Free and are RoHS Compliant

#### MAXIMUM RATINGS (T<sub>A</sub> = 25°C)

| Rating                         | Symbol               | Max | Unit |
|--------------------------------|----------------------|-----|------|
| Collector-Base Voltage         | V <sub>CBO</sub>     | 50  | Vdc  |
| Collector-Emitter Voltage      | $V_{CEO}$            | 50  | Vdc  |
| Collector Current – Continuous | I <sub>C</sub>       | 100 | mAdc |
| Input Forward Voltage          | V <sub>IN(fwd)</sub> | 40  | Vdc  |
| Input Reverse Voltage          | V <sub>IN(rev)</sub> | 6   | Vdc  |

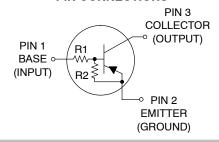
Stresses exceeding those listed in the Maximum Ratings table may damage the device. If any of these limits are exceeded, device functionality should not be assumed, damage may occur and reliability may be affected.



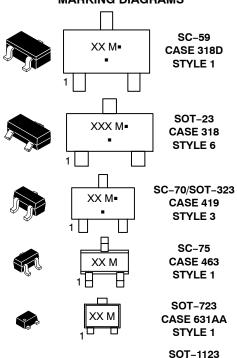
#### ON Semiconductor®

www.onsemi.com

#### **PIN CONNECTIONS**



#### **MARKING DIAGRAMS**



XXX = Specific Device Code

M = Date Code\*

• Pb-Free Package

IX MIL 1

(Note: Microdot may be in either location)

\*Date Code orientation may vary depending upon manufacturing location.

#### **ORDERING INFORMATION**

See detailed ordering, marking, and shipping information in the package dimensions section on page 2 of this data sheet.

CASE 524AA STYLE 1

**Table 1. ORDERING INFORMATION** 

| Device                         | Part Marking | Package       | Shipping <sup>†</sup> |
|--------------------------------|--------------|---------------|-----------------------|
| MUN2114T1G, SMUN2114T1G*       | 6D           | SC-59         | 3,000 / Tape & Reel   |
| MMUN2114LT1G, SMMUN2114LT1G*   | A6D          | SOT-23        | 3,000 / Tape & Reel   |
| MMUN2114LT3G, NSVMMUN2114LT3G* | A6D          | SOT-23        | 10,000 / Tape & Reel  |
| MUN5114T1G, SMUN5114T1G*       | 6D           | SC-70/SOT-323 | 3,000 / Tape & Reel   |
| SMUN5114T3G                    | 6D           | SC-70/SOT-323 | 10,000 / Tape & Reel  |
| DTA114YET1G, SDTA114YET1G*     | 6D           | SC-75         | 3,000 / Tape & Reel   |
| DTA114YM3T5G, NSVDTA114YM3T5G* | 6D           | SOT-723       | 8,000 / Tape & Reel   |
| NSBA114YF3T5G                  | K            | SOT-1123      | 8,000 / Tape & Reel   |

<sup>†</sup>For information on tape and reel specifications, including part orientation and tape sizes, please refer to our Tape and Reel Packaging Specifications Brochure, BRD8011/D.

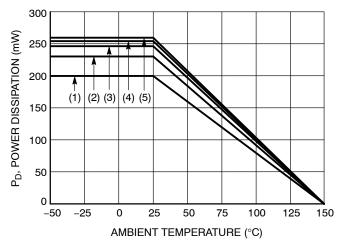


Figure 1. Derating Curve

- (1) SC-75 and SC-70/SOT-323; Minimum Pad
- (2) SC-59; Minimum Pad
- (3) SOT-23; Minimum Pad
- (4) SOT-1123; 100 mm<sup>2</sup>, 1 oz. copper trace
- (5) SOT-723; Minimum Pad

**Table 2. THERMAL CHARACTERISTICS** 

| Characteristic                                    |                                  | Symbol                            | Max               | Unit  |
|---|----------------------------------|-----------------------------------|-------------------|-------|
| THERMAL CHARACTERISTICS (SC-59) (MUN2114)         |                                  |                                   |                   |       |
| Total Device Dissipation $T_A = 25^{\circ}C$      | (Note 1)                         | $P_{D}$                           | 230               | mW    |
| Derate above 25°C                                 | (Note 2)<br>(Note 1)<br>(Note 2) |                                   | 338<br>1.8<br>2.7 | mW/°C |
| Thermal Resistance,<br>Junction to Ambient        | (Note 1)<br>(Note 2)             | $R_{	hetaJA}$                     | 540<br>370        | °C/W  |
| Thermal Resistance,<br>Junction to Lead           | (Note 1)<br>(Note 2)             | $R_{	heta JL}$                    | 264<br>287        | °C/W  |
| Junction and Storage Temperature Range            |                                  | T <sub>J</sub> , T <sub>stg</sub> | -55 to +150       | °C    |
| THERMAL CHARACTERISTICS (SOT-23) (MMUN2114L)      |                                  |                                   |                   |       |
| Total Device Dissipation T <sub>A</sub> = 25°C    | (Note 1)                         | $P_{D}$                           | 246               | mW    |
| Derate above 25°C                                 | (Note 2)<br>(Note 1)<br>(Note 2) |                                   | 400<br>2.0<br>3.2 | mW/°C |
| Thermal Resistance,<br>Junction to Ambient        | (Note 1)<br>(Note 2)             | $R_{	hetaJA}$                     | 508<br>311        | °C/W  |
| Thermal Resistance,<br>Junction to Lead           | (Note 1)<br>(Note 2)             | $R_{	heta JL}$                    | 174<br>208        | °C/W  |
| Junction and Storage Temperature Range            |                                  | T <sub>J</sub> , T <sub>stg</sub> | -55 to +150       | °C    |
| THERMAL CHARACTERISTICS (SC-70/SOT-323) (MUN5114) |                                  | <del>-</del>                      |                   |       |
| Total Device Dissipation T <sub>A</sub> = 25°C    | (Note 1)                         | $P_{D}$                           | 202               | mW    |
| Derate above 25°C                                 | (Note 2)<br>(Note 1)<br>(Note 2) |                                   | 310<br>1.6<br>2.5 | mW/°C |
| Thermal Resistance,<br>Junction to Ambient        | (Note 1)<br>(Note 2)             | $R_{	hetaJA}$                     | 618<br>403        | °C/W  |
| Thermal Resistance,<br>Junction to Lead           | (Note 1)<br>(Note 2)             | $R_{	heta JL}$                    | 280<br>332        | °C/W  |
| Junction and Storage Temperature Range            |                                  | T <sub>J</sub> , T <sub>stg</sub> | -55 to +150       | °C    |
| THERMAL CHARACTERISTICS (SC-75) (DTA114YE)        |                                  |                                   |                   |       |
| Total Device Dissipation $T_A = 25^{\circ}C$      | (Note 1)                         | $P_{D}$                           | 200               | mW    |
| Derate above 25°C                                 | (Note 2)<br>(Note 1)<br>(Note 2) |                                   | 300<br>1.6<br>2.4 | mW/°C |
| Thermal Resistance,<br>Junction to Ambient        | (Note 1)<br>(Note 2)             | $R_{	heta JA}$                    | 600<br>400        | °C/W  |
| Junction and Storage Temperature Range            |                                  | T <sub>J</sub> , T <sub>stg</sub> | -55 to +150       | °C    |
| THERMAL CHARACTERISTICS (SOT-723) (DTA114YM3)     |                                  | <del>-</del>                      |                   |       |
| Total Device Dissipation T <sub>A</sub> = 25°C    | (Note 1)                         | $P_{D}$                           | 260               | mW    |
| Derate above 25°C                                 | (Note 2)<br>(Note 1)<br>(Note 2) |                                   | 600<br>2.0<br>4.8 | mW/°C |
| Thermal Resistance,<br>Junction to Ambient        | (Note 1)<br>(Note 2)             | $R_{	hetaJA}$                     | 480<br>205        | °C/W  |
| Junction and Storage Temperature Range            | •                                | T <sub>J</sub> , T <sub>stg</sub> | -55 to +150       | °C    |

- 1. FR-4 @ Minimum Pad.

- 2. FR-4 @ 1.0 x 1.0 lnch Pad.
  3. FR-4 @ 100 mm<sup>2</sup>, 1 oz. copper traces, still air.
  4. FR-4 @ 500 mm<sup>2</sup>, 1 oz. copper traces, still air.

**Table 2. THERMAL CHARACTERISTICS** 

| Characteristic   |  | Symbol                            | Max                      | Unit        |
|--|--|-----------------------------------|--------------------------|-------------|
| THERMAL CHARACTERISTICS (SOT-1123) (NSBA114YF3)                  |  |                                   |                          |             |
| Total Device Dissipation $T_{A} = 25^{\circ}C$ Derate above 25°C | (Note 3)<br>(Note 4)<br>(Note 3)<br>(Note 4) | P <sub>D</sub>                    | 254<br>297<br>2.0<br>2.4 | mW<br>mW/°C |
| Thermal Resistance,<br>Junction to Ambient                       | (Note 3)<br>(Note 4)                         | $R_{	hetaJA}$                     | 493<br>421               | °C/W        |
| Thermal Resistance, Junction to Lead                             | (Note 3)                                     | $R_{	hetaJL}$                     | 193                      | °C/W        |
| Junction and Storage Temperature Range                           |  | T <sub>J</sub> , T <sub>stg</sub> | -55 to +150              | °C          |

- 1. FR-4 @ Minimum Pad.
- 2. FR-4 @ 1.0 x 1.0 Inch Pad.
- 3. FR-4 @ 100 mm $^2$ , 1 oz. copper traces, still air. 4. FR-4 @ 500 mm $^2$ , 1 oz. copper traces, still air.

Table 3. ELECTRICAL CHARACTERISTICS (T<sub>A</sub> = 25°C, unless otherwise noted)

| Characteristic  | Symbol                         | Min  | Тур  | Max  | Unit |
|---|--------------------------------|------|------|------|------|
| OFF CHARACTERISTICS   | •                              | •    | •    | •    | •    |
| Collector-Base Cutoff Current<br>(V <sub>CB</sub> = 50 V, I <sub>E</sub> = 0)                     | I <sub>CBO</sub>               | -    | _    | 100  | nAdc |
| Collector-Emitter Cutoff Current<br>(V <sub>CE</sub> = 50 V, I <sub>B</sub> = 0)                  | I <sub>CEO</sub>               | -    | _    | 500  | nAdc |
| Emitter-Base Cutoff Current (V <sub>EB</sub> = 6.0 V, I <sub>C</sub> = 0)                         | I <sub>EBO</sub>               | -    | _    | 0.2  | mAdc |
| Collector-Base Breakdown Voltage ( $I_C = 10 \mu A, I_E = 0$ )                                    | V <sub>(BR)</sub> CBO          | 50   | _    | _    | Vdc  |
| Collector-Emitter Breakdown Voltage (Note 5) (I <sub>C</sub> = 2.0 mA, I <sub>B</sub> = 0)        | V <sub>(BR)</sub> CEO          | 50   | -    | -    | Vdc  |
| ON CHARACTERISTICS  |                                |      |      |      |      |
| DC Current Gain (Note 5)<br>(I <sub>C</sub> = 5.0 mA, V <sub>CE</sub> = 10 V)                     | h <sub>FE</sub>                | 80   | 140  | -    |      |
| Collector – Emitter Saturation Voltage (Note 5) (I <sub>C</sub> = 10 mA, I <sub>B</sub> = 0.3 mA) | V <sub>CE(sat)</sub>           | -    | _    | 0.25 | Vdc  |
| Input Voltage (off)<br>(V <sub>CE</sub> = 5.0 V, I <sub>C</sub> = 100 μA)                         | V <sub>i(off)</sub>            | -    | 0.7  | 0.5  | Vdc  |
| Input Voltage (on)<br>(V <sub>CE</sub> = 0.2 V, I <sub>C</sub> = 1.0 mA)                          | V <sub>i(on)</sub>             | 1.4  | 0.9  | _    | Vdc  |
| Output Voltage (on) ( $V_{CC}$ = 5.0 V, $V_B$ = 2.5 V, $R_L$ = 1.0 k $\Omega$ )                   | V <sub>OL</sub>                | -    | -    | 0.2  | Vdc  |
| Output Voltage (off) $(V_{CC} = 5.0 \text{ V}, V_B = 0.5 \text{ V}, R_L = 1.0 \text{ k}\Omega)$   | V <sub>OH</sub>                | 4.9  | _    | _    | Vdc  |
| Input Resistor  | R1                             | 7.0  | 10   | 13   | kΩ   |
| Resistor Ratio  | R <sub>1</sub> /R <sub>2</sub> | 0.17 | 0.21 | 0.25 |      |

<sup>5.</sup> Pulsed Condition: Pulse Width = 300 msec, Duty Cycle ≤ 2%.

Product parametric performance is indicated in the Electrical Characteristics for the listed test conditions, unless otherwise noted. Product performance may not be indicated by the Electrical Characteristics if operated under different conditions.

## TYPICAL CHARACTERISTICS MUN2114, MMUN2114L, MUN5114, DTA114YE, DTA114YM3

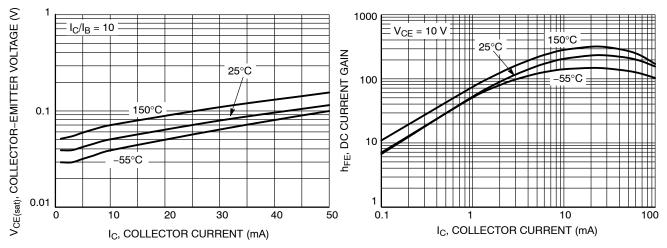


Figure 2. V<sub>CE(sat)</sub> vs. I<sub>C</sub>

Figure 3. DC Current Gain

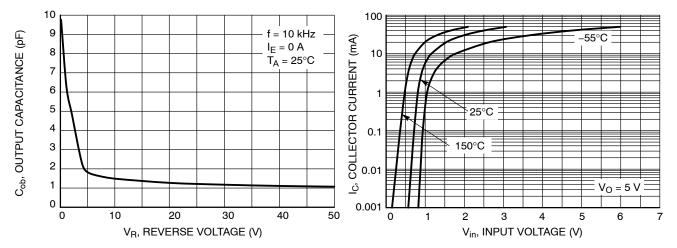


Figure 4. Output Capacitance

Figure 5. Output Current vs. Input Voltage

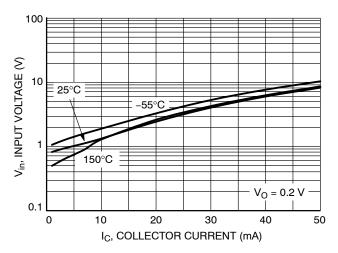


Figure 6. Input Voltage vs. Output Current

### TYPICAL CHARACTERISTICS NSBA114YF3

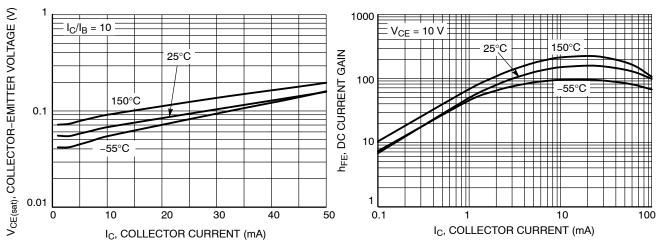


Figure 7. V<sub>CE(sat)</sub> vs. I<sub>C</sub>

Figure 8. DC Current Gain

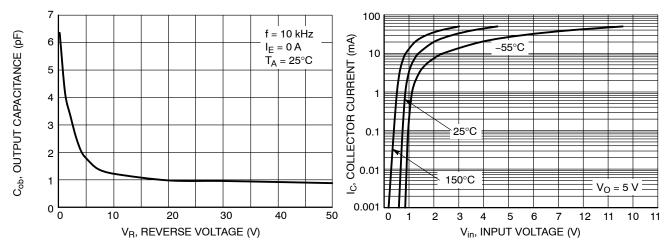


Figure 9. Output Capacitance

Figure 10. Output Current vs. Input Voltage

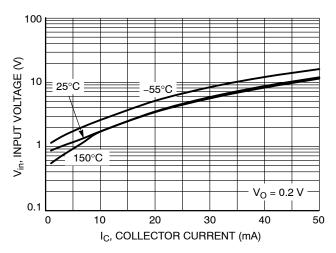


Figure 11. Input Voltage vs. Output Current





SC-70 (SOT-323) **CASE 419** ISSUE R

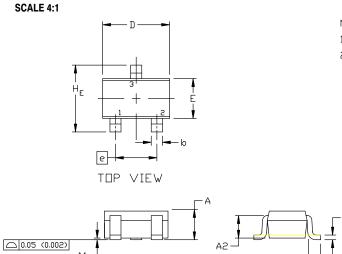
END VIEW

**DATE 11 OCT 2022** 

#### NOTES:

- 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1982.
- 2. CONTROLLING DIMENSION: INCH

|     | M:       | ILLIMETE | RS   | INCHES    |       |       |
|-----|----------|----------|------|-----------|-------|-------|
| DIM | MIN.     | N□M.     | MAX. | MIN.      | N□M.  | MAX.  |
| Α   | 0.80     | 0.90     | 1.00 | 0.032     | 0.035 | 0.040 |
| A1  | 0.00     | 0.05     | 0.10 | 0.000     | 0.002 | 0.004 |
| A2  | 0.70 REF |          |      | 0.028 BSC |       |       |
| b   | 0.30     | 0.35     | 0.40 | 0.012     | 0.014 | 0.016 |
| С   | 0.10     | 0.18     | 0.25 | 0.004     | 0.007 | 0.010 |
| D   | 1.80     | 2.00     | 2.20 | 0.071     | 0.080 | 0.087 |
| E   | 1.15     | 1.24     | 1.35 | 0.045     | 0.049 | 0.053 |
| е   | 1.20     | 1.30     | 1.40 | 0.047     | 0.051 | 0.055 |
| e1  |          | 0.65 BSC |      | 0.026 BSC |       |       |
| L   | 0.20     | 0.38     | 0.56 | 0.008     | 0.015 | 0.022 |
| HE  | 2.00     | 2.10     | 2.40 | 0.079     | 0.083 | 0.095 |



### **GENERIC MARKING DIAGRAM**

SIDE VIEW

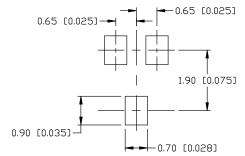


= Specific Device Code XX

М = Date Code

= Pb-Free Package

\*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "■", may or may not be present. Some products may not follow the Generic Marking.



For additional information on our Pb-Free strategy and soldering details, please download the ID Semiconductor Soldering and Mounting Techniques Reference Manual, SDLDERRM/D.

SOLDERING FOOTPRINT

| STYLE 1:<br>CANCELLED       | STYLE 2:<br>PIN 1. ANODE<br>2. N.C.<br>3. CATHODE | STYLE 3:<br>PIN 1. BASE<br>2. EMITTER<br>3. COLLECTOR | STYLE 4:<br>PIN 1. CATHODE<br>2. CATHODE<br>3. ANODE | STYLE 5:<br>PIN 1. ANODE<br>2. ANODE<br>3. CATHODE |                           |
|-----------------------------|---|---|--|--|---------------------------|
| STYLE 6:                    | STYLE 7:  | STYLE 8:  | STYLE 9:   | STYLE 10:  | STYLE 11:                 |
| PIN 1. EMITTER              | PIN 1. BASE                                       | PIN 1. GATE   | PIN 1. ANODE   | PIN 1. CATHODE                                     | PIN 1. CATHODE            |
| 2. BASE                     | 2. EMITTER  | 2. SOURCE   | 2. CATHODE   | 2. ANODE   | <ol><li>CATHODE</li></ol> |
| <ol><li>COLLECTOR</li></ol> | <ol><li>COLLECTOR</li></ol>                       | 3. DRAIN  | <ol><li>CATHODE-ANODE</li></ol>                      | 3. ANODE-CATHODE                                   | <ol><li>CATHODE</li></ol> |

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|------------------|-----------------|---|-------------|
| DESCRIPTION:     | SC-70 (SOT-323) |   | PAGE 1 OF 1 |

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### SC75-3 1.60x0.80x0.80, 1.00P **CASE 463 ISSUE H**

**DATE 01 FEB 2024** 

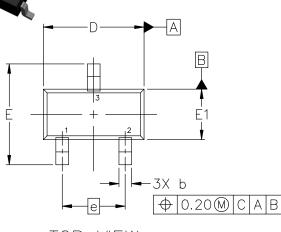
#### NOTES:

- DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5-2018.
- ALL DIMENSION ARE IN MILLIMETERS.

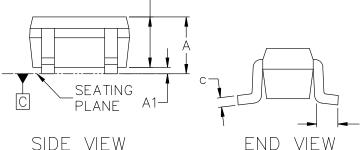
| DIM   | М         | MILLIMETERS |      |  |  |
|-------|-----------|-------------|------|--|--|
| DIIVI | MIN.      | NOM.        | MAX. |  |  |
| А     | 0.70      | 0.80        | 0.90 |  |  |
| A1    | 0.00      | 0.05        | 0.10 |  |  |
| A2    | 0.80 REF. |             |      |  |  |
| b     | 0.15      | 0.20        | 0.30 |  |  |
| С     | 0.10      | 0.15        | 0.25 |  |  |
| D     | 1.55      | 1.60        | 1.65 |  |  |
| E     | 1.50      | 1.60        | 1.70 |  |  |
| E1    | 0.70      | 0.80        | 0.90 |  |  |
| е     | 1.00 BSC  |             |      |  |  |
| L     | 0.10      | 0.15        | 0.20 |  |  |

0.356

0.787



VIEW



A2

SIDE VIEW

### **GENERIC MARKING DIAGRAM\***



XX= Specific Device Code

Μ = Date Code

= Pb-Free Package

\*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "■", may or may not be present. Some products may not follow the Generic Marking.

STYLE 1: PIN 1. BASE 2. EMITTER

PIN 1. CATHODE 2. CATHODE

3. ANODE

STYLE 4:

STYLE 2: PIN 1. ANODE 2. N/C 3. COLLECTOR 3. CATHODE

STYLE 5:

PIN 1. GATE 2. SOURCE

3. DRAIN

STYLE 3: PIN 1. ANODE 2. ANODE

3. CATHODE

1.000 RECOMMENDED MOUNTING FOOTPRINT\*

1.803

0.508

FOR ADDITIONAL INFORMATION ON OUR Pb-FREE STRATEGY AND SOLDERING DETAILS, PLEASE DOWNLOAD THE ON SEMICONDUCTOR SOLDERING AND MOUNTING TECHNIQUES REFERENCE MANUAL, SOLDERRM/D.

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|------------------|----------------------------|---|-------------|
| DESCRIPTION:     | SC75-3 1.60x0.80x0.80, 1.0 | 00P   | PAGE 1 OF 1 |

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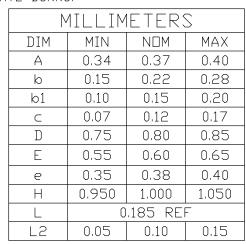


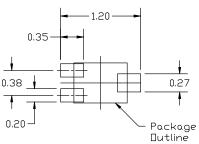
#### SOT-1123 0.80x0.60x0.37, 0.35P CASE 524AA ISSUE D

**DATE 18 JAN 2024** 

#### NOTES:

- 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2018.
- 2. CONTROLLING DIMENSION: MILLIMETERS.
- 3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH.
  MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS
  OF BASE MATERIAL.
- 4. DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS.



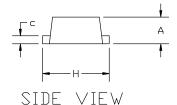


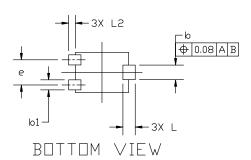
## RECOMMENDED MOUNTING FOOTPRINT

\*For additional information on our Pb-Free strategy and soldering details, please download th e □N Semiconductor Soldering and Mounting Techniques Reference manual, S□L□ERRM/□.

| 1 | -A<br>B<br>T |
|---|--------------|
|   | E            |

THP VIFW





## GENERIC MARKING DIAGRAM\*



X = Specific Device Code

M = Date Code

<sup>\*</sup>This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "•", may or may not be present. Some products may not follow the Generic Marking.

| YLE 1:                      | STYLE 2:                  | STYLE 3:                  | STYLE 4:       | STYLE 5:                 |
|-----------------------------|---------------------------|---------------------------|----------------|--------------------------|
| PIN 1. BASE                 | PIN 1. ANODE              | PIN 1. ANODE              | PIN 1. CATHODE | PIN 1. GATE              |
| <ol><li>EMITTER</li></ol>   | 2. N/C                    | 2. ANODE                  | 2. CATHODE     | <ol><li>SOURCE</li></ol> |
| <ol><li>COLLECTOR</li></ol> | <ol><li>CATHODE</li></ol> | <ol><li>CATHODE</li></ol> | 3. ANODE       | 3. DRAIN                 |

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|------------------|--------------------------------|---|-------------|
| DESCRIPTION:     | SOT-1123 0.80x0.60x0.37, 0.35P |   | PAGE 1 OF 1 |

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MILLIMETERS

 $N\square M$ .

0.50



#### SOT-723 1.20x0.80x0.50, 0.40P CASE 631AA ISSUE E

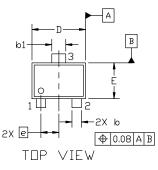
**DATE 24 JAN 2024** 

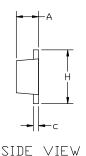
MAX.

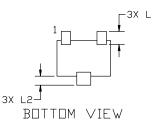
0.55

#### NOTES:

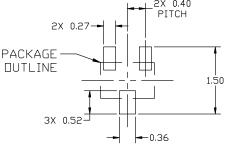
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2018. CONTROLLING DIMENSION: MILLIMETERS.
- MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH. MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS OF BASE MATERIAL.
- DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS.







| b                | 0.15     | 0.21     | 0.27 |
|------------------|----------|----------|------|
| b1               | 0.25     | 0.31     | 0.37 |
| С                | 0.07     | 0.12     | 0.17 |
| D                | 1.15     | 1.20     | 1.25 |
| Е                | 0.75     | 0.80     | 0.85 |
| е                | 0.40 BSC |          |      |
| Н                | 1.15     | 1.20     | 1.25 |
| L                |          | 0.29 REF | -    |
| L2               | 0.15     | 0.20     | 0.25 |
| 2X 0.40<br>PITCH |          |          |      |



DIM

Α

MIN.

0.45

#### RECOMMENDED MOUNTING FUUTPRINT

\*For additional information on our Pb-Free strategy and soldering details, please download the DN Semiconductor Soldering and Mounting Techniques Reference Manual, SDLDERRM/D.

#### **GENERIC MARKING DIAGRAM\***



XX = Specific Device Code = Date Code

\*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "=", may or may not be present. Some products may not follow the Generic Marking.

| STYLE 1:                    | STYLE 2:                  | STYLE 3:                  | STYLE 4:                | STYLE 5:                 |
|-----------------------------|---------------------------|---------------------------|-------------------------|--------------------------|
| PIN 1. BASE                 | PIN 1. ANODE              | PIN 1. ANODE              | PIN 1. CATHODE          | PIN 1. GATE              |
| <ol><li>EMITTER</li></ol>   | 2. N/C                    | 2. ANODE                  | 2. CATHODE              | <ol><li>SOURCE</li></ol> |
| <ol><li>COLLECTOR</li></ol> | <ol><li>CATHODE</li></ol> | <ol><li>CATHODE</li></ol> | <ol><li>ANODE</li></ol> | <ol><li>DRAIN</li></ol>  |

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|------------------|-------------------------------|--|-------------|
| DESCRIPTION:     | SOT-723 1.20x0.80x0.50, 0.40P |  | PAGE 1 OF 1 |

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